

### [54] CORRECTIVE LENS SYSTEM

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[58] Field of Search ..... 351/163, 164, 165, 49, 351/168, 160 R, 160 H, 161, 162, 159, 177; 350/399, 400, 407; 623/5, 6

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### [57] ABSTRACT

A corrective lens system with selectable optical characteristics includes a lens element for placement in the optical path of a human eye ahead of the retina of the eye and a polarizer element for placement in the optical path of the human eye ahead of the lens element. The polarizer element is configured to pass plane polarized light toward the lens element and the lens element has first and second regions with different optical characteristics, the first region being polarized and arranged to restrict the passage of plane polarized light having other than a given direction of polarization. The lens element may be an intraocular lens, a contact lens, or a corneal implant lens, and one embodiment includes a polarizer element mounted on a spectacles frame as a component of an ocular telescope utilized to treat macular degeneration so that when the spectacles are worn light is restricted from passing through the first region of the lens element.

26 Claims, 2 Drawing Sheets

